

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims

1-15. **(Canceled)**

16. **(Currently amended)** A method of screening for a bioactive agents that modulates IgE production, said method comprising:

a) contacting a candidate bioactive agent and a cell expressing IgE, wherein said cell comprises an IgE fusion protein comprising:

i) an ϵ heavy chain; and

ii) a fluorescent protein; and

b) determining the amount of IgE produced in said cell;

wherein a change in the amount of IgE as compared to the amount produced in the absence of said candidate agent indicates that said agent modulates IgE production.

17. **(Previously presented)** A method according to claim 16 wherein said modulation is a decrease in the amount of IgE.

18. **(Canceled)**

19. **(Previously presented)** A method according to claim 16 wherein said combining is done by introducing a retroviral vector comprising nucleic acid encoding said candidate bioactive agent to said cell.

20. **(Previously presented)** A method according to claim 19 wherein a library of retroviral vectors comprising a library of candidate bioactive agents is added to a population of cells.

21. **(Previously presented)** A method according to claim 19 wherein said retroviral vector further comprises nucleic acid encoding a fluorescent label and wherein said nucleic acid further comprises a detection gene.

22. **(Previously presented)** A method according to claim 16 wherein said detecting is done by the addition of a fluorescent antibody against IgE.

23-29. **(Canceled)**

30. **(Previously presented)** A method according to claim 21, wherein said fluorescent protein is GFP.

31. **(Previously presented)** A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is GFP.

32. **(Previously presented)** A method according to claim 21, wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is BFP.

33. **(Previously presented)** A method according to claim 21, wherein said wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is YFP

34. **(Previously presented)** A method according to claim 21, wherein said wherein said detection gene is a fluorescent protein gene and wherein said fluorescent protein gene is RFP